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TELECOPIER COVER SHEET

Date: Dec 9 2003 Pages (Including this sheet) 9
Our Reference: KON-1694 Your Reference: 10/014,655
Attention: Ex. Chris. Rodee
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REMARKS

Dear Sirs,

At the request of the Examiner, enclosed is a copy of the executed declaration and our transmittal letter, both of which were filed by Express Mail on Nov 12, 2003.

Donald C. Lucas

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Rg # 31,275

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Our ref: KON-1694

Client's ref: P4930-001-0000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: K. OHMURA, et al:		
Serial No.	: 10/014,655	Group :1756
		Examiner:C.Rodee
Filed	: December 11, 2001	
		Dated :November
Title	: TONER FOR DEVELOPING	12, 2003
	STATIC LATENT IMAGE	
	TO FORM COLOR IMAGE	

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TRANSMITTAL

Hon. Commissioner of Patents
P.O. Box 1450
Alexandria, VA. 22312-1450

S i r:

Further to the above-identified Application, there is enclosed herewith the fully executed Declaration of Mr. Ken Ohmura. As the Examiner will note, the enclosed copy is identical, in all respects, to the unsigned copy previously filed with our Response of November 3, 2003.

In view of the foregoing and the enclosed, it is believed that the present Application is now in condition for allowance, and such action is respectfully requested.

Should any extensions of time or fees be necessary in order to maintain this Application in pending condition, appropriate requests are hereby made and authorization is given to debit account #02-2275.

Respectfully submitted,

MUSERLIAN, LUCAS AND MERCANTI, LLP

By:



Donald C. Lucas
(Attorney for Applicants)
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New York, New York 10016
Tel. # (212) 661-8000

DCL/mr

Encl: Facsimile-executed Declaration of Mr. Ken Ohmura,
executed November 11, 2003.
Return receipt post-card

Our ref: KON-1694

Client's ref: KPD-4930 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of: K. OHMURA, et al:

Group : 1756

Serial No. : 10/014,655 :

Examiner: C.Rodee

Filed : December 11, 2001 :

For : Toner for Developing :
Static Latent Image :
to form color image .-----x
DECLARATIONCommissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

S i r:

I, Ken Ohmura, hereby declare and say as follows:

1. I make this declaration to supplement the declaration I signed on June 8, 2003 in this case (hereinafter the June 8 Declaration).
2. The redispersion electro-conductivity of Examples 1-11 of the present invention and Examples I-IV of Cheng, as reported in my June 8, 2003 Declaration, were determined by the method described at pages 8-9 of the present Application.

3. A typographical error was noted in Table 3a in my June 8, 2003 Declaration for the Yellow Toner of Cheng's Example (c) and Cheng's Example (d). In Cheng's Example (c), the Yellow Toner was washed in water in an amount 100 times the weight of toner and should have been labeled (B)** and in Cheng's Example (d), the Yellow Toner was washed in water in an amount 100 times the weight of toner and should have been labeled (A)*. Correction has been made herein by attaching a "Revised Table 3a" with these corrections. For ease of Examiner's review, a copy of Tables 4a and 5a are also attached.
4. As noted in my June 8, Declaration, the test results from the sets of toners are reported in Table 5a. As can be seen in Table 5a, Cheng's material is clearly different from the present Invention and, specifically, it can be seen that, in the fine dot evaluation, the low temperature, low humidity color difference and in the high temperature, high humidity fogging there are dramatic differences. It can also be seen that the difference between the low temperature, low humidity and high temperature, high humidity for 10% dot density and line width is small for the present Invention while this difference is fairly large for Cheng.

It is declared by undersigned that all statements made herein of undersigned's own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements and the like so made are punishable by fine or imprisonment, or both, under section 18 U.S. Code 1001, and that such will false statements are punishable under this section, and any patent issuing thereon.

Ken Ohmura

Ken Ohmura

Dated: This *17th* day of *November*, 2003.

DCL/mr

Encl: Tables 3a, 4a and 5a.

Revised Table 3a

Revised Table 3a						
Black Toner				Yellow Toner		
Toner	re-dispersion electro- conductivity pbk (μS/cm)	The number of free colorant particles	light absorbance at 500 nm	To er	re- dispersion electro- conductivity py (μS/cm)	py - pbk (μS/cm)
Example 1	2.6	1	0.008		12.4	10.3
Example 2	9.1	0	0.004		10.2	1.1
Example 3	8.4	6	0.076		19.5	11.1
Example 4	4.1	1	0.085		8.5	4.4
Example 5	9.1	7	0.009		9.9	0.8
Example 6	3.8	2	0.009		11.1	7.3
Example 7	2.8	3	0.008		10.9	8.1
Example 8	2.9	2	0.007		12.5	9.6
Example 9	3.1	2	0.008		11.5	8.4
Example 10	2.7	1	0.006		12.6	9.9
Example 11	2.5	2	0.007		3.8	1.3
Cheng's IV				I (A)*	1.2	-0.2
Example (a)	1.4	1	0.002			
Cheng's IV				I (A)**	1.0	-0.1
Example (b)	1.1	0	0.001			
Cheng's IV				I (A)**	1.0	-0.4
Example (c)	1.4	1	0.002			
Cheng's IV				I (A)*	1.2	0.1
Example (d)	1.1	0	0.001			

Table 4a

	Magenta Toner			Cyan Toner		
	toner	re- dispersion electro- conductivity ($\mu\text{S/cm}$)	pm - pbx ($\mu\text{S/cm}$)	toner	re- dispersion electro- conductivity ($\mu\text{S/cm}$)	pc - pbx ($\mu\text{S/cm}$)
Example 1	1M	12.3	9.7	1C	11.1	8.5
Example 2	2M	10.1	1.0	2C	11.1	2.0
Example 3	3M	18.9	10.5	3C	20.4	2.0
Example 4	4M	8.8	4.5	4C	8.4	4.3
Example 5	5M	10.1	1.0	5C	10.1	1.3
Example 6	6M	11.8	8.0	6C	11.5	7.7
Example 7	7M	12.2	9.4	7C	12.4	8.0
Example 8	8M	12.9	10	8C	11.5	9.6
Example 9	9M	11.8	8.7	9C	12.2	10.0
Example 10	10M	11.5	8.9	10C	11.8	9.1
Example 11	11M	3.9	1.4	11C	4.1	9.9
Cheng's	III			II		1.6
Example (a)	(A)*	1.1	-0.3	(A)*	1.3	-0.1
Cheng's	III			II		0.3
Example (b)	(B)**	1.0	-0.1	(B)**	1.0	0.1
Cheng's	III			II		0.1
Example (c)	(B)**	1.0	-0.4	(B)**	1.0	0.4
Cheng's	III			II		0.4
Example (d)	(A)*	1.1	0	(A)*	1.3	0.2

(A)*: Amount of washing water is 10 times of toner weight.

(B)**: Amount of washing water is 100 times of toner weight.

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Table 5a

	10% dot density		Line width (µm)		Character clogging		Fine dot scattering		Color difference	
	L. T. L.	H. T. H.	L. T. L.	H. T. H.	L. T. L.	H. T. H.	L. T. L.	H. T. H.	L. T. L.	H. T. H.
Example 1	0.11	0.12	190	191	A	A	A	A	A	A
Example 2	0.1	0.11	190	191	A	A	A	A	A	A
Example 3	0.11	0.12	191	192	A	B	A	A	A	A
Example 4	0.09	0.12	191	193	A	A	A	A	A	A
Example 5	0.09	0.12	190	193	A	A	A	A	A	B
Example 6	0.11	0.13	191	192	A	A	A	A	A	A
Example 7	0.12	0.15	190	193	A	A	A	A	A	A
Example 8	0.14	0.17	191	193	A	A	A	A	A	A
Example 9	0.15	0.18	192	196	A	B	A	B	A	A
Example 10	0.12	0.16	191	194	A	B	A	B	A	A
Example 11	0.12	0.17	193	198	B	B	B	B	B	B
Cheng's					A	B	B	B	B	B
Example (a)	0.06	0.15	179	191	A	B	C	C	B	B
Cheng's					A	B	C	C	B	B
Example (b)	0.06	0.15	176	189	A	A	C	C	C	C
Cheng's					A	A	C	C	C	C
Example (c)	0.06	0.15	178	189	A	A	C	C	C	C
Cheng's					A	A	C	C	C	C
Example (d)	0.06	0.15	177	190	A	B	C	C	C	C
Cheng's					A	B	C	C	C	C